



1FW

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: PRASHER

Application Serial No.: 10/811,597

Filing Date: March 29, 2004

For: COOLING AN INTEGRATED  
CIRCUIT DIE WITH COOLANT  
FLOW IN A MICROCHANNEL  
AND A THIN FILM  
THERMOELECTRIC COOLING  
DEVICE IN THE MICROCHANNEL

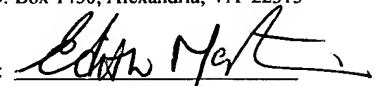
)  
) Group Art Unit: 2841  
)  
) Examiner: Hung T. Nguyen  
)  
) **RESPONSE TRANSMITTAL**  
)  
) Attorney Docket No.: P18285  
)  
) **PTO Customer Number 28062**  
) Buckley, Maschoff & Talwalkar LLC  
) Attorneys for Intel Corporation  
) Five Elm Street  
) New Canaan, CT 06840  
)  
)

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 - 1450, on June 2, 2006.

Dated: June 2, 2006

By:

  
Edith Martin

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are:

1. ☒ Amendment/Response to Non-Final Office Action mailed April 7, 2006
2. ☒ Additional Enclosures: Acknowledgement Postcard

FEE CALCULATION

For	Current	Prev. Paid	No. Extra	Rate	Fee
Total Claims	22	- 28	0	\$ 50.00	\$ 0.00
Indep. Claims	2	- 3	0	\$ 200.00	\$ 0.00
Multiple Dependent Claims (add \$300.00 if applicable)					\$ 0.00
No Petition for Extension of Time is Required					\$ 0.00
OTHER FEE (specify purpose):					\$ 0.00
TOTAL FEE					\$ 0.00

The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1852 as described below. A duplicate copy of this sheet is enclosed.

- ☒ Credit any overpayment.
- ☒ Charge any additional fees required under 37 CFR 1.16 and 1.17.

Respectfully submitted,



Nathaniel Levin  
Registration No. 34,860  
Buckley, Maschoff & Talwalkar LLC  
Attorneys for Intel Corporation  
Five Elm Street  
New Canaan, CT 06840  
(203) 972-3460

June 2, 2006  
Date



Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: PRASHER

Application No.: 10/811,597

Filing Date: 3/29/2004

For: COOLING AN INTEGRATED  
CIRCUIT DIE WITH COOLANT  
FLOW IN A MICROCHANNEL  
AND A THIN FILM  
THERMOELECTRIC COOLING  
DEVICE IN THE MICROCHANNEL

) Group Art Unit: 2841

) Examiner: Hung T. Nguyen

) **AMENDMENT and RESPONSE** to April 7,  
) 2006 Non-Final Office Action

) Attorney Docket No.: P18285

) **PTO Customer Number 28062**  
) Buckley, Maschoff & Talwalkar LLC  
) Attorneys for Intel Corporation  
) Five Elm Street  
) New Canaan, CT 06840

***CERTIFICATE OF MAILING UNDER 37 CFR 1.8***

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 2, 2006.

Dated: June 2, 2006

By: 

Edith Martin

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Non-Final Office Action mailed April 7, 2006, please amend the above-identified application as follows.

**Remarks** begin on page 3 of this paper.